Amendment to DIFFUSION CELL WITH QUICK RELEASE CLAMP

Royal A. Hanson, inventor

Serial No. 10/056,186

Filed January 28, 2002

Page 9 of 12

REMARKS/ARGUMENTS

Claims 1-13 remain in this application.

Claims 2, 3, 7, 8 and 11 have been amended.

The originally submitted Claims 1-13 were rejected under 35 U.S.C. §102(b) as being anticipated by the reference of Hanson, et al. This rejection is respectfully traversed.

Independent Claim 1 specifically defines that the diffusion cell has a quick release clamping apparatus engaging with the donor housing. In the reference to Hanson, et al., there is no quick release clamping apparatus. The clamping apparatus comprises a series of four bolts 36 which was be tediously loosened and removed for the purpose of inserting a new membrane 30. One of the advantages of the present invention is that this tedious removal and reinstallation of the membrane has been eliminated by the use of a quick release clamping apparatus. The structure of the present invention has been specifically designed to be an improvement over the structure of the reference of Hanson, et al. which is also owned by the same assignee of record. It is believed that the inserting of the quick release clamping structure within independent Claim 1 defines a distinction which is not shown or taught by Hanson, et al., and that Claim 1 should be allowed.

Additionally, dependent Claim 6 has further defined the quick release clamping apparatus as comprising a U-shaped clamp apparatus which has an open cavity and also a pair of plates which are utilized in conjunction with the clamping apparatus. No such Amendment to DIFFUSION CELL WITH QUICK RELEASE CLAMP

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Serial No. 10/056,186

Filed January 28, 2002

Page 10 of 12

structural arrangement is even remotely suggested by Hanson, et al. Therefore, it is believed

that dependent Claim 6 also defines allowable subject matter and that Claim 6 should be

allowed.

Claim 2, which is dependent from Claim 1, has defined that the sampling port

includes a capillary passage. Within Hanson, et al., there is no capillary passage in the

sampling port. Again, the insertion of the capillary passage within the sampling port is

deemed to be an improvement of the prior art of Hanson, et al., and that Claim 2 further

defines allowable subject matter and should be allowed. For the same reason, it is also

believed that Claim 7 which also defines the capillary passage should also be allowed.

Claim 3 has further defined that the donor housing includes a disc which

includes a center opening. No such donor housing is shown or remotely suggested in

Hanson, et al. Additionally, Claim 3 has defined that the donor housing also includes a cap

which is mounted on the disc. The donor chamber is defined by this center opening. No

such structure is even remotely suggested in Hanson, et al. Therefore, it is believed that

Claim 3 defines patentably distinctive subject matter and that Claim 3 should also be allowed.

For the same reason, it is believed that dependent Claim 8 and independent Claim 11, which

includes similar terminology, should also be allowed.

Claim 4 defines that the cap, which is included within the donor housing,

includes a viewing port. Since there is no such cap shown in Hanson, et al., it is believed

that the further distinction of defining a cap having a viewing port defines patentably

distinctive subject matter and should be allowed. For the same reason, it is believed that

Amendment to DIFFUSION CELL WITH QUICK RELEASE CLAMP

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Serial No. 10/056,186

Filed January 28, 2002

Page 11 of 12

Claim 9 and Claim 12 should also be allowed.

sampling port include a Luer fitting. The addition of a Luer fitting is, again, an improvement over the structure of Hanson, et al. facilitating quick connection and disconnection where within Hanson, et al. such quick connection and disconnection was not possible. It is

Claim 5, has defined a diffusion cell where both the receptor filling port and the

therefore believed that such structure which is defined within dependent Claim 5, dependent

Claim 10 and dependent Claim 13, define patentably distinctive subject matter and that these

claims should also be allowed.

In view of the foregoing amendments to the claims and arguments presented herein, it is believed that the claims as now submitted clearly define allowable subject matter over the references of record. It is courteously requested that this application be reconsidered, such reconsideration being favorable resulting in passing of this application to

issue.

Amendment to DIFFUSION CELL WITH QUICK RELEASE CLAMP Royal A. Hanson, inventor Serial No. 10/056,186 Filed January 28, 2002 Page 12 of 12

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to account No. 13-4899.

Respectfully submitted,

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